



Alternative Diploma Pathway  
 In Support of O.C.G.A., 20-2-149.2

COMPUTER AIDED DRAFTING (CAD) TCC PATHWAY (Option 2)  
 Approved April 2021

Total 31 - Credit Hours

Students should complete two certificates – CP41 and AC51

First TCC:

CP41 CAD Operator, TCC

DFTG 1101 CAD Fundamentals	4 CH
DFTG 1103 Multiview/Basic Dimensioning	4 CH
Select 1 specialization:	
DFTG 1105 3D Mechanical Modeling	4 CH
DFTG 1107 Advanced Dimensional/Sectional Views	4 CH
DFTG 1109 Auxiliary Views/Surface Development	4 CH
OR	
DFTG 1125 Architectural Fundamentals	4 CH
DFTG 1127 Architectural 3D Modeling	4 CH
DFTG 1129 Residential Drawing I	4 CH

Total 20 Credit Hours

Second TCC:

AC51 - Advanced CAD Technician, TCC

<i>*DFTG 1101 CAD Fundamentals</i>	4 CH
<i>*DFTG 1103 Multiview/Basic Dimensioning</i>	4 CH
Guided Elective: Choose any Trade & Tech., BUSN, CIST, IDSY, or MGMT Course	3 CH
Select 1 specialization:	
<u>Mechanical Drafting Specialization</u>	
<i>*DFTG 1105 3D Mechanical Modeling</i>	4 CH
<i>*DFTG 1107 Advanced Dimensional/Sectional Views</i>	4 CH
<i>*DFTG 1109 Auxiliary Views/Surface Development</i>	4 CH
DFTG 1111 Fasteners	4 CH
DFTG 1113 Assembly Drawings	4 CH
OR	
<u>Architectural Drafting Specialization</u>	
<i>*DFTG 1125 Architectural Fundamentals</i>	4 CH
<i>*DFTG 1127 Architectural 3D Modeling</i>	4 CH
<i>*DFTG 1129 Residential Drawing I</i>	4 CH

DFTG 1131 Residential Drawing II  
DFTG 1133 Commercial Drawing I

4 CH  
4 CH

Total 11 Additional Credit Hours

\*Courses exempted if taken in first TCC

At the completion of either TCC, students eligible to register through Autodesk to take AutoCAD Certified User exam and /or Revit Certified User exam (Arch. Path), SolidWorks Certification exam (Mech. Path)